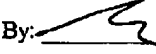


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PATENT  
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**In the United States Patent & Trademark Office**

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| <b>Applicants: S. Banerjee et al.</b>                        | <b>Examiner: N. Yang</b>   |
| <b>Serial No.: 10/034,727</b>                                | <b>Group Art Unit: 1641</b>  |
| <b>Confirmation No. 1379</b><br><b>Filed: 12/26/2001</b>     |  |
| <b>For: Directed Assembly of Functional Heterostructures</b> | I hereby certify that, on the date indicated below, this correspondence was sent by fax to the Commissioner for Patents, at (571) 273-8300.<br>By: <br>Date: |

**Response**

Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

Dear Sir:

In response to the Office Action of 11/2/2006, please enter the following amendments and reconsider the rejections in view of the remarks which follow.

**Remarks**

The Examiner rejected the claims under Section 103(a) over Anderson et al. in view of Walt et al.

In the Detailed Description, 1<sup>st</sup> paragraph (col. 4, line 49 – 58), Walt et al. state:

This allows the synthesis of the bioactive agents (i.e. compounds such as nucleic acids and antibodies) to be separated from their placement on an array, i.e. the bioactive agents may be synthesized on the beads, and *then the beads are randomly distributed on a patterned surface*. Since the beads are first coded with an optical signature, this means that the array can later be "decoded", i.e. after the